

19990913.ba v02_n666.bam.990913

>From ???@??? Tue Sep 14 02:27:49 1999
Message-Id: <199909132125.d8DLPcJ29928@sco.theporch.com>
Date: Mon, 13 Sep 1999 16:24:33 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2666

BOATANCHORS Digest 2666

Topics covered in this issue include:

- 1) Re: Fw: Fw: BOUNCE hallicrafters@qth.net: Non-membersubmission from ["Dan 'Hank' Arney" <kn6di@groupone.net>]
by zeitler@ibm.net
- 2) Radio Repair Help
by James Hanlon <knjhanlon@uswest.net>
- 3) a simple question
by brian.harris_2@philips.com
- 4) ADMINISTRIVIA: Fancy HTML in Posts
by listown@jackatak.theporch.com (Mail List Owner)
- 5) TRAVELS THROUGH CAPACITORVILLE
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 6) Re: TRAVELS THROUGH CAPACITORVILLE
by "Benjamin D. Hall" <kd5byb@WT.NET>
- 7) WS19 M3 COMPLETE A/V INSTALLATION, QUESTION
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 8) TEK 574 SCOPE, QUERY
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 9) NEED ADVICE ON RADIO REPAIR
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 10) FREE LUNCH?
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 11) Doyle Roberts Dial Covers
by "Don Buska" <d.buska@aaiate.com>
- 12) Re: TEK 574 SCOPE, QUERY
by "Roberta J. Barmore" <rbarmore@indy.net>
- 13) Free Lunch!
by "Richard Brunner" <rbrunner@gis.net>
- 14) Re: NEED ADVICE ON RADIO REPAIR
by Al Klase <skywaves@bw.webex.net>
- 15) Re: TEK 574 SCOPE, QUERY
by Bob Roehrig <broehrig@admin.aurora.edu>
- 16) RE: Free lunch???
by "Pete Ferrand" <pete@vermontel.net>
- 17) What is it?/Rusty chassis treatment
by "John Gibson" <gibsonj@mindspring.com>

18) RE: NEED ADVICE ON RADIO REPAIR
by "Owens, Clarence" <clare.owens@otis.com>

From: zeitler@ibm.net
Message-ID: <002001befda7\$310db420\$89dd6520@km3g>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Duane Fischer" <dfischer@tir.com>
Subject: Re: Fw: Fw: BOUNCE hallicrafters@qth.net: Non-membersubmission from
["Dan 'Hank' Arney" <kn6di@groupone.net>]
Date: Sun, 12 Sep 1999 22:16:46 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow!! Not quite sure how to interpret what has been going on btwn Hank KN6DI and Duane Fischer but I will without hesitation vouch for Hank as being one of the most up front and honest guys on the air and on the internet BA arena today.

Most of you know that I have been really advertising a lot of my personal stuff to help raise the overdue summer tuition bill at my school. Hank helped me out by sending a check that same night for some gear that he probably needed as bad as a hole in the head.

I can whole heartedly recommend him to anyone who wants an honest deal with no secrets. Definately trust worthy no BS kind of guy that I will sit down have a beer with any time.

Pls forgive me for the very uncharacteristic post to the BA list but if Hank is getting blasphemed then his true character needs to be known.

An honest straight shooter.

73s and sorry again for the weird post to the list.

Lane Zeitler
ETC(SW/AW) USN Active Duty
Ku7i

-----Original Message-----

From: "Dan \"Hank\" Arney" <kn6di@groupone.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Duane Fischer <dfischer@tir.com>
Date: Sunday, September 12, 1999 10:03 PM
Subject: Re: Fw: Fw: BOUNCE hallicrafters@qth.net: Non-membersubmission from
["Dan 'Hank' Arney" <kn6di@groupone.net>]

>Alan,
>I do not understand why I am being dropped from the other QTH lists.
>I by mistake sent a message to the HCA reflector and got a reply from
>Duane Fisher that I was not able to post as I had been barred dumped etc
>. Due to a misunderstanding in regards to the purchase of a R-388 some
>time ago that he told me that I was the lucky buyer, plus he also told
>my friend Matt that he was also the lucky buyer.
>As it turned out he did not have the radio and it had been sold before
>we ever saw it posted by him. Words went back and forth and he said for
>get.
>
>I along with several others commented about the frogs to the point that
>he dropped the postings with regards to the frogs. this should be all in
>your archives. He at some point told me all was well and if I wanted
>back on HCA to advise him. I have a lot of Hallicrafters equipment but
>did not see any useful information off of the reflector so I did not
>respond to his message.
>
>When I posted the notice about the EV664 mike stand I added HCA by
>mistake.
>His notice rubbed me the wrong way I said I was sorry. He came back with
>some comment and I went ballistic. I just call things the way that I see
>them and it got all out of proportion.
>
>I have had dealings with a lot of people on the QTH reflectors and am in
>the process of providing R-390 covers for over 180 people on the net and
>most of them are on the QTH. I have there money and now you are removing
>my means of communicating with those people in GOOD FAITH.(since
>D.Fisher is blind! the good faith is in Caps which he can't see)Sorry.
>
>As you can SEE I have posted this as a reply to D. Fisher also. In over
>3 years on the net this is the only phony deal that I have been involved
>in. Regards the R-388.
>
>I deal on the up and up with all people and treat them all with respect.
>My dealings are honest and above board. You know what I have to look at
>myself every morning in the mirror when I shave and it does not bother me
>at all.
>
>I have honored all commitments that I been involved in on the net,
>accepted personal checks with out question, and have not been burned and
>have never sent a bad check to any one on the net or otherwise.
>
>I am also not a jerk in yours or D. Fishers estimation.If I need to
>apologize to D.Fisher so be it. I apologize and will never have any contact
>with ever again, on the other hand I request that he never respond to or
>contact me again. I promise I will never send another message to him or

>the HCA QTH nor will I ever get close to the 40 or 20M HCA net freq.
>when it is in progress. I was going to offer being west coast NC for
>20M but forget that.
>
>I was also going to send you a check for \$20.00 last week and the note
>with your address ids righr here by my left arm now. I was also going to
>rerquest help in setting up a web page, which you had granted me several
>months ago, but never got enough smarts on how to set it up, as I
>stated to you at the time.
>I am sorry to all parties concerned and also foir the BW this long
>winded post is. You are providing a good service and it is appreciated
>by all concerned
>
>You know what as an airline pilot I have been around the world 122 times
>and in 105 countries, plus having lived in over 30 and seen some of the
>problems that people are forced to live in and conditions that we as
>proud citizens of the UNITED STATES OF AMERICA have and one of those is
>by far the greatest and that is the First Ammendent THE FREEDOM OF
>SPEECH, and I know an awful lot of people that have given up their
>lives to protect THAT RIGHT. I have seen 20 pallet trains pulled by a
>tug at DaNang in Vietnam going on the tarmac to take pallets to Saigon
>at HUE morgue with 50 KIA's in black body bags for guys that no longer
>have the right to do any thing to protect our rights.
>
>As far as I am concerned this was between D.Fisher and myself.
>MY Netscape just ate up another 1175 messages as I tried to eliminate a
>profile, and did the wrong profile by mistake. So I have now lost the
>addresses of guys on several reflectors plus I do not have copies of my
>replies to D.Fisher. So it now gets down to he said not what I said.
>
>It was my understanding the email between parties is private and not for
>third party informtion etc. rather than to get into the legal in or
>outs. As you well know only lawyers laugh on the way to bank on shore or
>offshore Hi.
>
>Do not get me wrong I am not threateneing anyone now or in the future.
>
>If you choose to not allow me back on the QTH repletors so be it.
>
>I would ask in that case you advise any and all members with regards to
>the covers, mike bases, microswitches, R-390 power plugs and R-390-A
>parts to contact me by direct email
>
>Thanks,
> Dan "Hank" Arney
>
>

Message-ID: <37DCF435.14368B37@uswest.net>
Date: Mon, 13 Sep 1999 06:55:17 -0600
From: James Hanlon <knjhanlon@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Radio Repair Help
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian,

I goofed last night on the recommended resistor tolerance.
Must have been temporary euphoria because Ohio State won its
football game and I had just finished watching the tape.
Plus or minus 20 percent should be OK.

Jim, W8KGI

From: brian.harris_2@philips.com
To: Old Tube Radios <boatanchors@theporch.com>
Subject: a simple question
Message-ID: <0056910001662323000002L132*@MHS>
Date: Mon, 13 Sep 1999 09:14:04 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1; name="MEMO 09/13/99 09:13:59"
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

The information contained in this message is confidential and may be le=
gally privileged. The message is intended solely for the addressee(s). =
If you are not the intended recipient, you are hereby notified that any=
use, dissemination, or reproduction is strictly prohibited and may be =
unlawful. If you are not the intended recipient, please contact the sen=
der by return e-mail and destroy all copies of the original message.

Too many years, too many beers, too many dead brain cells.....=
..What does the 'QT' stand for concerning the older VOX circuits? =20

BTW, Hank KN6DI is my kind of guy.

TIA es 73,

Brian Harris WA5UEK

=

Message-Id: <199909131615.d8DGF1W28722@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Fancy HTML in Posts
Date: Mon, 13 Sep 99 11:15:01 CDT

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

Many many of the members of the list read through text-based mailers on systems of other than WIntel origins... this is particularly true for those members who are "off-shore" where the technology is too expensive to justify. Just keep in mind that NOT everyone reads the list postings with the very latest windowed technology.

PLEASE avoid the use of HTML and "quoted printable" in your email. If you don't know what this means, then PLEASE get help and set your mailer up so that you send your posts to the list in "PLAIN TEXT" only, with NO fancy HTML.... generally, avoid fancy fonts and colors, which will force your mailer to use the fancy stuff, and creates the problem.

The problem is that when the fancy stuff is included, those mailers send a plain text version AND a fancy version, and that means TWICE the size for your post (actually, because of how the HTML is encoded, it causes MORE than a doubling of message size. And, for those people who read mail with other than the fancy new readers that can ignore one part and only show the "pretty" version, they have to wade through an ocean of garbage and noise after reading your post... and that is inconsiderate to your fellow BoatAnchors members.

PLEASE use only plain text. Get help with setting your mailer to not send the fancy HTML and quoted printable.

PLEASE be considerate of the list resources and your fellow members.

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Mon Sep 13 11:15:00 CDT 1999

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit
Date: Mon, 13 Sep 1999 12:52:28 -0400 (EDT)
Subject: TRAVELS THROUGH CAPACITORVILLE
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9909131252.aa23475@pcusa01.ecunet.org>

To: boatanchors@theporch.com

After fixing up my Sprague T0-5 Cap checker, been having an interesting time going through decades of tubular axial capacitor savings.

(The T0-5 had at least 2 problems. 1) The voltage applied to electrolytics was grossly misread by the unit's voltmeter. This means caps were overstressed & falsely failed due to seemingly excess leakage current. A couple of resistors had drifted. Cked with an external voltmeter to verify fix.

2) And, the insulation resistance reading was way off, reading too low, failing some ok electrostatic caps. Used a collection of very high resistance resistors to ck this out when done. An HV probe often contains something like around a 1000 meg resistor.)

The Black Beauties are bugabears!! Just about all of them failed & not by a little. Many had only a few hundred megs of ins. resistance. Even the ones that didn't fail I threw out on genreal principles!

And even Sprague's made for Western Electric, who were a very finicky customer, were bad. The failures definately ran by manufacturer. E.g. all the Pyramid, CD & Vitamin Q's (yes, that's Sprague's) were ok. All the Elmenco, Fast, Tobe & 50-year-old Motorola (made by ?) were bad.

Some also displayed a lot of modulation of capacitance when measured by the T0-5's bridge. It applies 60 Hz to the cap. The 6E5's shadow gets fuzzy when that happens. Also, the power factor of some of the caps was way off.

Curious thing: I also took VTVM-based resistance readings on them. My RCA WV-98C can read up to about 2000 megs. Here's the kicker--the VTVM did not detect *any* of caps shown bad by the T0-5, even whent the latter showed abysmal ins. resistance, e.g. 100 megs. What a kick in the pants.

The T0-5 applies an initial charge on the cap using 150 VDC. It then looks at the discharge caused by the insulation resistance of the cap. The voltage bleeds off during this process. When it stops, the ins. resistance is read.

(Electrolytics are handled differently: The rated voltage is applied & leakage current is measured.)

OTOH, a VTVM or VOM applies a known voltage to the device & measures the current through it to get its resistance. The applied voltage is, you guessed it, from a 1.5 V or so battery. Could applied voltage explain the difference? Resistance is resistance, right? Except when dealing with real-world, non-linear devices.

-John Sehring (Sat, Sep 11, 1999 Custer SD USA) UCC WB0EQ

Message-Id: <3.0.32.19990913122353.007fbe80@mail.wt.net>
Date: Mon, 13 Sep 1999 12:24:06 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "Benjamin D. Hall" <kd5byb@WT.NET>
Subject: Re: TRAVELS THROUGH CAPACITORVILLE
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>The Black Beauties are bugabears!!

Actually, the correct term is Black Uglies! ;)

While my cap checker is a Heathkit C-3 and not one of the fancier ones, it has caught a lot of capacitors that the VTVM has missed. I've always attributed this to the fact that the VTVM uses a low voltage to measure resistance, while the C-3 when checking for leakage will apply rated voltage. Makes sense to me that while certain caps may pass at low voltage, they may be leaky at high voltages. Insulation breakdown with time?

Anyways, I've gotten to the point with Black Uglies and wax-paper jobs that I change them on sight. In my opinion, there are only two types of Black Ugly and wax-paper units: those that have failed, and those that will!

While on the subject of component change out - I like Arden's suggestion not to do more work than needed, except I take it one step further. If I know a certain component is failure prone, I'll replace it. There are a couple of resistors in the RME-45 I'm restoring/redesigning that even though they are good, I've replaced - all three were in voltage dropping circuitry (dropping resistor for the VR-150, etc) where I've replaced the original with a higher wattage replacement...

Thanks and 73,
Ben

Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.
Located in Houston, Texas, USA.
e-mail: kd5byb@WT.net, web: <http://web.wt.net/~kd5byb/>
"An ye harm none, do what thou wilt."

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Mon, 13 Sep 1999 14:04:09 -0400 (EDT)
Subject: WS19 M3 COMPLETE A/V INSTALLATION, QUESTION
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9909131404.aa06053@pcusa01.ecunet.org>

To: boatanchors@theporch.com

And what are these tips to get old vibrators going again, Andre?

-John Sehring (Mon, Sep 13, 1999 Custer SD USA) UCC WB0EQ

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Mon, 13 Sep 1999 14:04:09 -0400 (EDT)
Subject: TEK 574 SCOPE, QUERY
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9909131404.aa06057@pcusa01.ecunet.org>

To: boatanchors@theporch.com

What is the difference between dual *beam* and dual *trace*, Rudolf?

-John Sehring (Mon, Sep 13, 1999 Custer SD USA) UCC WB0EQ

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Mon, 13 Sep 1999 14:04:09 -0400 (EDT)
Subject: NEED ADVICE ON RADIO REPAIR
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9909131404.aa06067@pcusa01.ecunet.org>

To: boatanchors@theporch.com

While removing a defective component directly from its anchor point, e.g. a terminal strip or tube socket lug or IF can, may be more aesthetically pleasing to some, I think can induce some real mechanical & electrical problems.

You can mess up the terminal and overheat/otherwise disturb other connected components. Why would I want to stress them unnecessarily?

I feel there is nothing wrong, and a lot right, electrically and mechanically, about clipping out a bad component leaving some/all of its leads present.

The replacement part can then very easily be connected & soldered in with the least disturbance to other, possibly fragile, components. I do not believe in asking for trouble. "First, do no harm!"

I remember that I am not the factory assembler of the thing nor is the thing new & at the peak of its ruggedness.

-John Sehring (Mon, Sep 13, 1999 Custer SD USA) UCC WB0EQ

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit
Date: Mon, 13 Sep 1999 14:04:09 -0400 (EDT)
Subject: FREE LUNCH?
To: Old Tube Radios <boatanchors@theporch.com>
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
Message-ID: <9909131404.aa06063@pcusa01.ecunet.org>

The only way I have to begin to think about this is to propose this thought experiment:

Erect a large metallic hemisphere around the antenna of the BC station's antenna, radius of a great many wavelengths (to get it well into the far field--don't want to detune the antenna).

I recall from E-M theory, it would completely intercept all the energy radiated from the antenna. We know this because such a conduction shell forms a perfect shield. The charges on the inside of the shell would rearrange themselves to accomplish this. Of course there'd be a lot I²R heating in it, 50 kW worth!

This would represent the *perfect* case of all power being intercepted from this source.

The next question is whether any practical assemblage of antennae could accomplish same. Verrrry interesting!

-John Sehring (Mon, Sep 13, 1999 Custer SD USA) UCC WB0EQ

From: "Don Buska" <d.buska@aaiate.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 13 Sep 1999 12:49:55 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Subject: Doyle Roberts Dial Covers
Message-Id: <19485786706598@il1.aaiate.com>

Does anyone know if Doyle still has an email account? I have his dial cover paperwork from a couple of years ago and it lists drob@artelco.com as his email address. I sent him a message over a month ago to see if he has created a new molding for the Globe King 500B transmitter (his old one broke). I didn't get a bounce from the email, but then again I got no response as well. Before I try again if anyone knows if he's still doing email it would be appreciated.

73

Don N900

Date: Mon, 13 Sep 1999 15:01:53 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TEK 574 SCOPE, QUERY
Message-ID: <Pine.SUN.4.10.9909131440530.7661-100000@indy3>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

A dual-beam scope has two electron guns, with their own set of deflectage and so on, that just happen to be sharing the same vacuum and florescent screen. (Umm, "just happen" to the tune of some majorly high-zoot issues of getting the tube innards all lined up!)

A dual-trace scope fakes it like a TV set--one gun, one set of plates, and it either alternates (one trace, then the other) or chops (bitta one, bitta the other, over and over) and in either case. counts on faking out you the viewer by a) doin' it so fast you don't catch it and/or b) persistence of the phosphor. (It's persnicketty persistence either way,

either of your vision or The Magic Of Fizzickal Materials).

Dual-trace is pretty much a mature art but in an older scope, dual-beam wins--no tricky trade-offs, just pure full-steam scopeage.

73,
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore
FISTS #3388 * G-QRP #10001 * ARRL * RSGB * WIA
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

Message-ID: <003c01befe21\$9dd65d80\$541c29d8@blah>
From: "Richard Brunner" <rbrunner@gis.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Free Lunch!
Date: Mon, 13 Sep 1999 15:31:09 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We all know the old axiom about "Free Lunch." It also applies here - John has it right. The amount of power you can extract is related to the "Capture Area" of your antenna, and it isn't going to approach John's sphere! A few Watts sounds reasonable, and if you are very very close, perhaps a few hundred, but it will be a very small percentage of the 50 kilowatts radiated. I have heard of people getting rf burns and pulling arcs off of bc towers in the vicinity of other bc stations, but that wouldn't take more than ten's of Watts. An arc to ground is said to provide perfect hi-fi fidelity!

Richard Brunner, AA1P, rbrunner@gis.net

Message-ID: <37DD5A8B.72A36A2D@bw.webex.net>
Date: Mon, 13 Sep 1999 16:11:55 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: NEED ADVICE ON RADIO REPAIR
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

JOHN SEHRING wrote:

>
> I feel there is nothing wrong, and a lot right, electrically and
> mechanically, about clipping out a bad component leaving some/all of its
> leads present.

>
I'd like to support John on this. You stand to do a lot of damage by excavating the original solder joints. Many times, in the original assembly process, the capacitors were wrapped around the terminal first, then the hookup wire was added on top. You'll never make those joints look like the ones some little lady made 60 years ago, and you'll probably burn wires and sometimes break terminals.

In the 1950's Sprague delivered its replacement capacitors with devices known as "Quiggs." These were little coils of wire coated with solder and flux that were used to sleeve the new cap on the old leads. My version of this is to use a piece of 0.040" music wire in a pin vise to wrap pigtailed on the new cap and solder them onto the old leads. The pin vise I use has enough space in the collet to hold the free end of the wire when you wrap. You can make an equivalent tool by soldering a piece of tin brass tubing to the music wire and cementing this assembly in a file handle.

Not only is this technique fast, but it preserves the original workmanship. If some future restorer is unhappy with what I did, he can go ahead and make a mess of it! This also gives you a fighting chance in tight spaces, like the front end of an SX-28.

My two cents,
Al

--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Date: Mon, 13 Sep 1999 16:02:20 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TEK 574 SCOPE, QUERY
Message-ID: <Pine.0SF.3.96.990913160010.31895B-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 13 Sep 1999, JOHN SEHRING wrote:

> What is the difference between dual *beam* and dual *trace*, Rudolf?

A dual beam scope actually has 2 guns in the tube - so 2 beams.
A dual trace has a single gun but switches between 2 inputs
in either a "chop" or "alternate" mode.

"Nostalgia is a thing of the past"

E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222

From: "Pete Ferrand" <pete@vermontel.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Free lunch???
Date: Mon, 13 Sep 1999 17:17:03 -0400
Message-ID: <NDBBINAMKKBBCHMFOAJBEEPFCLAA.pete@vermontel.net>

>
>
> October QStreet has an article about someone in close
> proximity to a
> 50KW (ERP?) AM BC station, who is able to 'receive'
> about 2.5 watts

Well since the nearest 50KW AM is about a hundred miles from here,
that's not an option for me.

How can I light the filaments from the local FM/TV or better yet,
the cable TV connection?

: -)

-Pete
WB2QLL
pete@vermontel.net
Plainfield, NH

Message-Id: <199909132117.RAA21743@smtp4.mindspring.com>
Date: Mon, 13 Sep 1999 14:19:21 +0100
Subject: What is it?/Rusty chassis treatment
From: "John Gibson" <gibsonj@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>

Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I bought an intriguing communications receiver at the last Livermore swap. There was no ID plate but a National S-meter had been mounted tastefully in its place. It covers 0.54 to 30 mcs in five bands and the tuning cap plates have a straight line frequency cut. (never understood why the AA5 didn't use them-they would cost no more). Inside it looks like a nearly new NC-100 but the chassis has been extended to the rear to accomodate an extra RF stage.

There are a few wires hanging loose so if anyone has a manual and/or an ID plate, I would love to hear from them. Can buy or trade vintage BA stuff.

I read in Radio Bygones of an interesting treatment for a badly rusted chassis. He took off all the rust with naval jelly then washed it well with water and detergent. After a good drying, he rubbed the chassis with a lint free cloth moistened with aluminium paint to apply a thin coating which was allowed to dry. This process was repeated several times to build up a coating of paint in the manner of french polishing. The final result was said to be a pleasing pebble dull chrome finish.

John Gibson. Berkeley, Ca.

Content-return: allowed
Date: Mon, 13 Sep 1999 17:17:56 -0400
From: "Owens, Clarence" <clare.owens@otis.com>
Subject: RE: NEED ADVICE ON RADIO REPAIR
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0FI0005MUOR0EH@mailman.otis.com>
MIME-version: 1.0
Content-type: MULTIPART/MIXED; BOUNDARY="Boundary_(ID_kF2q/vd90rd0cQ+yvu6cAQ)"

This message is in MIME format. Since your mail reader does not understand this format, some or all of this message may not be legible.

--Boundary_(ID_kF2q/vd90rd0cQ+yvu6cAQ)
Content-type: text/plain

Hi All,

I thirld the motion. I've "sweated blood" and burned fingers too many times cleaning up old terminal strips and tube socket terminals. A year or so ago I found and bought a small box filled with the little cellophane bags of Sprague Quig connectors. I almost had forgotten about them. I guess some repairman didn't want to use them and was too frugal to throw them out. Boy am I glad! I'm going to use them from now on, except in those unusual radios where the leads are not mechanically clinched to the terminals. I've

also done the "make a helix at the end of the new component's lead" thing and that works too.

I want to spend more time using the radios and less time fixing them. Lately all I seem to do is sit at the workbench instead of the operating desk.

73,

Clare Owens N2RJB

> JOHN SEHRING wrote:

> >

> > I feel there is nothing wrong, and a lot right, electrically and
> > mechanically, about clipping out a bad component leaving some/all of its
> > leads present.

> >

>

AL KLASE wrote:

> I'd like to support John on this. You stand to do a lot of
> damage by excavating the original solder joints. Many times,
> in the original assembly process, the capacitors were
> wrapped around the terminal first, then the hookup wire was
> added on top. You'll never make those joints look like the
> ones some little lady made 60 years ago, and you'll probably
> burn wires and sometimes break terminals.

> In the 1950's Sprague delivered its replacement capacitors
> with devices known as "Quiggs." These were little coils of
> wire coated with solder and flux that were used to sleeve
> the new cap on the old leads.

>

>

--Boundary_(ID_kF2q/vd90rd0cQ+yvu6cAQ)

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* rest of message truncated *

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End of BOATANCHORS Digest 2666
